Computer Science A.S.

Computer Science provides students with an understanding of the theory that underlies the existence, organization and applications of computers. This program equips students to continue their education in the computer science field or to enter the workforce.

**Certifications and Professional Development**
- Intro to C++
- Intro to JAVA
- Intro to Python
- Python Boot Camp
- Amazon AWS Cloud Computing
- Apple SWIFT Programming

*These and other Certifications and Professional Development options offered by the Center for Continuing Education and Workforce Development. [www.bmcc.cuny.edu/ce](http://www.bmcc.cuny.edu/ce)*

**Professional Organizations**
- Association for Women in Computing
- Computing Research Association
- Association of Information Technology Professionals

**Helpful Career Links**
- **BMCC Career Center** [www.bmcc.cuny.edu/career](http://www.bmcc.cuny.edu/career)
- **Internships and Experiential Learning** [www.bmcc.cuny.edu/experiential](http://www.bmcc.cuny.edu/experiential)
- **Computer Science** [www.bmcc.cuny.edu/academics/departments/cis/computer-science](http://www.bmcc.cuny.edu/academics/departments/cis/computer-science)

**Articulation Agreements**
- **John Jay College of Criminal Justice / CUNY**
  - B.S. in Computer Science & Information Security
- **Mercy College**
  - B.S. in Computer Science

**Other Transfer Options**
- **Pace University**
- **Hunter College / CUNY**
- **City College / CUNY**
- **SUNY at Binghamton**
- **Brooklyn College / CUNY**
- **University at Albany**
- **Lehman College / CUNY**
- **St. John’s University**
- **Stony Brook/SUNY**

**Career and Salary Possibilities**

<table>
<thead>
<tr>
<th><strong>Software Engineer</strong></th>
<th>($60,500–$112,000)</th>
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<tbody>
<tr>
<td><strong>Chief Information Officer</strong></td>
<td>($117,000–$305,000)</td>
</tr>
<tr>
<td><strong>Computer Programmer</strong></td>
<td>($58,700–$122,000)</td>
</tr>
<tr>
<td><strong>Mobile Application Developer</strong></td>
<td>($60,900–$108,000)</td>
</tr>
<tr>
<td><strong>Systems Architect</strong></td>
<td>($59,000–$128,000)</td>
</tr>
<tr>
<td><strong>Full Stack Web Developer</strong></td>
<td>($68,764–$110,000)</td>
</tr>
</tbody>
</table>

| **Information Systems Security Manager** | ($69,000–$136,000) |
| **Network Security Administrator** | ($42,000–$95,000) |
| **Computer Systems Analyst** | ($45,000–$98,000) |
| **IT Auditor** | ($51,000–$99,000) |
| **Ethical Hacker** | ($40,000–$205,000) |
| **Video Game Developer** | ($28,300–$150,000) |

*Career and Salary Possibilities are not guaranteed. Additional education, training or experience may be required and salary ranges may vary depending on location, industry and education level. Career and salary data provided by Career Coach.*